

## ABSTRACT OF THE DISCLOSURE

The invention provides a method of predicting the estrus and the delivery date of a cow, a swine, a horse or the like and discovering diseases such as fascioliasis and ovarian tumor thereof by analysis of values from an attachable vibrograph attached to a leg portion, a neck portion, a chin portion or the like of the cow, the swine, the horse or the like to obtain frequency value information, such as vibrations, walking states and non-walking states, due to the excitement of the cow, the swine, the horse or the like caused by estrus. The obtained frequency value information is transmitted, inputted and stored into a centralized computer such as a personal computer in units of hours, and the stored frequency value information is converted to the numerical values to be analyzed. The invention also provides an apparatus which is used for such method.